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Notice of Allowability

Application No.

10/766,559

Examiner

Thao P. Le

Applicant(s)

HOTTA, KAZUSHIGE

Art Unit

2818

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/19/05.
2. ☒ The allowed claim(s) is/are 14-21.
3. ☒ The drawings filed on 27 January 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

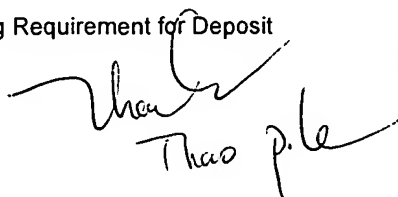
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Thao P. Le

DETAILED ACTION

Response to Amendment

This Office Action is in response to Amendment filed on 05/19/05.

Claims 1-13 have been cancelled.

Claim 18 has been amended.

Claims 14-21 are pending in the present application at the time of examination.

Remark of Applicants has been considered.

Examiner's Amendment.

Amend claim 18 as follow:

In claim 18, "and said first gate electrode is made of a **second** metal layer" and "and said second gate electrode is made of said **second** metal layer" are amended as --
- and said first gate electrode is made of a **first** metal layer--- and ---and said second gate electrode is made of said **first** metal layer---

Amend claim 21 as follow:

"according to **claims** 20" is amended as --- according to **claim** 20---

Amend the specification as follow:

In page 6, line 19: "and said first gate electrode is made of a **second** metal layer" is amended as --- and said first gate electrode is made of a **first** metal layer---

and line 25: "and said second gate electrode is made of the **second** metal layer" is amended as ---and said second gate electrode is made of the **first** metal layer---

Reason for allowance

Claims 14-21 are allowed. The following is an examiner's statement of reason for allowance:

Set of claims 14-17: None of the references of record teaches or suggests the claimed limitations having a thin film transistor substrate comprising a first transistor having a first gate electrode made of a lamination of a first metal layer and a second metal layer, a second transistor having a second gate electrode made of a lamination of the first metal layer and the second metal layer, and a third transistor having a third gate electrode made of the second metal layer and among other features cited in independent claim 14.

Set of claims 18-21: None of the references of record teaches or suggests the claimed limitations having a thin film transistor substrate comprising a first gate electrode made of a first metal layer, a second gate electrode made of the first metal layer, a third gate electrode made of second metal layer that is different from the first metal layer.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thao P. Le whose telephone number is 571-272-1785. The examiner can normally be reached on M-T (7-6).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Thao P. Le
Examiner
Art Unit 2818